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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas J. CAMPANA, Jr. et al  
Serial No.: 08/443,430  
Filed: May 18, 1995  
For: ELECTRONIC MAIL SYSTEM WITH RF  
COMMUNICATIONS TO MOBILE PROCESSORS  
Group: 2608  
Examiner: G. Oehling

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GROUP 2608

THIRD SUPPLEMENTAL AMENDMENT

Honorable Commissioner of  
Patents and Trademarks  
Washington, D. C. 20231

February 15, 1996

Sir:

This Amendment is supplemental to the first Supplemental  
Amendment of December 27, 1995 and the Second Supplemental  
Amendment of January 5, 1996.

IN THE CLAIMS:

Please add new claims 259-362 as follows:

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--259. A system for transmitting originated information  
from one of a plurality of originating processors, contained  
in any one of a plurality of electronic mail systems, to at  
least one RF receiver with the originated information  
originating from one of the plurality of originating  
processors and being transmitted by an RF information  
transmission network to the at least one RF receiver and for  
transmitting other originated information originating from one

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of the originating processors and being transmitted through a wireline without using the RF information transmission network to at least one of the plurality of destination processors comprising:

at least one interface switch, one of the at least one interface switch connecting at least one of the plurality of electronic mail systems containing the plurality of originating processors to the RF information transmission network; and wherein

the originated information is transmitted from the one of the at least one interface switch to the RF information transmission network with an address of the at least one RF receiver to receive the originated information being added at the originating processor originating the originated information, or by either one of the plurality of electronic mail systems that contains the one of the plurality of originating processors or the one interface switch.

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260. A system in accordance with claim 259 wherein:

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one of the plurality of destination processors is coupled to one of the at least one RF receiver and receives the originated information.

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261. A system in accordance with claim 259 wherein:

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the one interface switch stores the originated information, assembles the originated information with originated information received from a plurality of the originating processors into a packet and transmits the packet to the RF transmission network.

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262. A system in accordance with claim 259 wherein:

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the wireline transmitting the other originated information between the one of the plurality of originating processors and the at least one of the plurality of destination processors uses one of either a public or private switch telephone network with the at least one of the plurality of destination processors being addressed during transmission of the other originated information to the at least one of the plurality of destination processors when using the public or private switch telephone network with a different address than the address used during transmission of the originated information to the at least one RF receiver by the RF information transmission network.

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263. A method for transmitting originated information from one of a plurality of originating processors, contained in any of a plurality of electronic mail systems, to at least one RF receiver with the originated information originating from one of the plurality of originating processors and being transmitted by an RF information transmission network to the

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at least one RF receiver and for transmitting other originated information originating from one of the originating processors and being transmitted through a wireline without using the RF information transmission network to at least one of the plurality of destination processors comprising:

connecting at least one of the plurality of electronic mail systems containing the plurality of originating processors to the RF information transmission network with at least one interface switch; and

transmitting the originated information from one of the at least one interface switch to the RF information transmission network with an address of the at least one RF receiver to receive the originated information being added at the originating processor originating the originated information, or by either one of the plurality of electronic mail systems that contains the one of the plurality of originating processors or the one interface switch.

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264. A method in accordance with claim 263 further comprising:

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one of the at least one RF receiver transmits the originated information to one of the plurality of destination processors.

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<sup>179</sup>  
~~265.~~ A method in accordance with claim <sup>177</sup>~~263~~ wherein:

the one interface switch stores the originated information, assembles the originated information with originated information received from a plurality of the originating processors into a packet and transmits the packet to the RF transmission network.

<sup>180</sup>  
~~266.~~ A method in accordance with claim 263 wherein:

the wireline transmitting the other originated information between the one of the plurality of originating processors and the at least one of the plurality of destination processors uses one of either a public or private switch telephone network with the at least one of the plurality of destination processors being addressed during transmission of the other originated information to the at least one of the plurality of destination processors when using the public or private switch telephone network with a different address than the address used during transmission of the originated information to the at least one RF receiver by the RF information transmission network.

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~~267.~~ A system for transmitting originated information from one of a plurality of originating processors, contained in any one of a plurality of electronic mail systems, to at least one RF receiver with the originated information originating from one of the plurality of originating processors and being transmitted by an RF information

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transmission network to the at least one RF receiver and for transmitting other originated information originating from one of the originating processors and being transmitted through a wireline without using the RF information transmission network to at least one of the plurality of destination processors comprising:

at least one interface switch, one of the at least one interface switch connecting at least one of the plurality of electronic mail systems containing the plurality of originating processors to the RF information transmission network; and wherein

the originated information is transmitted from the one of the at least one interface switch to the RF information transmission network with an address of the at least one of RF receiver to receive the originated information being added to the originated information before transmission of the originated information by the RF information transmission network to the at least one RF receiver.

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268. A system in accordance with claim 267 wherein:

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one of the plurality of destination processors is coupled to one of the at least one RF receiver and receives the originated information.

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269. A system in accordance with claim 267 wherein:

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the one interface switch stores the originated information, assembles the originated information with originated information received from a plurality of the originating processors into a packet and transmits the packet to the RF transmission network.

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270. A system in accordance with claim 267 wherein:

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the wireline transmitting the other originated information between the one of the plurality of originating processors and the at least one of the plurality of destination processors uses one of either a public or private switch telephone network with the at least one of the plurality of destination processors being addressed during transmission of the other originated information to the at least one of the plurality of destination processors when using the public or private switch telephone network with a different address than the address used during transmission of the originated information to the at least one RF receiver by the RF information transmission network.

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271. A method for transmitting originated information from one of a plurality of originating processors, contained in any one of a plurality of electronic mail systems, to at least one RF receiver with the originated information originating from one of the plurality of originating processors and being transmitted by an RF information

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G8  
transmission network to the at least one RF receiver and for transmitting other originated information originating from one of the originating processors and being transmitted through a wireline without using the RF information transmission network to at least one of the plurality of destination processors comprising:

connecting at least one of the plurality of electronic mail systems containing the plurality of originating processors to the RF information transmission network with at least one interface switch; and

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transmitting the originated information from one of the at least one interface switch to the RF information transmission network with an address of the at least one RF receiver to receive the originated information being added to the originated information before transmission of the originated information by the RF transmission network to the at least one RF receiver.

186

272. A method in accordance with claim <sup>185</sup>271 further

comprising:

one of the at least one RF receiver transmits the originated information to one of the plurality of destination processors.

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~~273.~~ A method in accordance with claim <sup>185</sup>~~271~~ wherein:

the one interface switch stores the originated information, assembles the originated information with originated information received from a plurality of the originating processors into a packet and transmits the packet to the RF transmission network.

188

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~~274.~~ A method in accordance with claim ~~271~~ wherein:

the wireline transmitting the other originated information between the one of the plurality of originating processors and the at least one of the plurality of destination processors uses one of either a public or private switch telephone network with the at least one of the plurality of destination processors being addressed during transmission of the other originated information to the at least one of the plurality of destination processors when using the public or private switch telephone network with a different address than the address used during transmission of the originated information to the at least one RF receiver by the RF information transmission network.

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A system in accordance with claim ~~259~~ wherein:  
the one interface switch removes from the  
originated information information added by the one of the  
plurality of electronic mail systems containing the one of the  
plurality of originating processors and adds information, used  
by the RF information transmission network during transmission  
of the originated information through the RF information  
transmission network to the at least one RF receiver in the RF  
information transmission network, to the originated  
information.

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A system in accordance with claim ~~259~~ wherein:  
the RF information transmission network comprises a  
RF information transmission network switch which receives the  
originated information; and

the RF information transmission network transmits  
the originated information including an identification number  
of the at least one RF receiver from the RF information  
transmission network switch to another RF transmission network  
switch at a destination of the at least one RF receiver in the  
RF information transmission network to which the originated  
information and the identification number is to be transmitted  
by the RF information transmission network and transmits the  
originated information and the identification number to the at  
least one RF receiver by RF broadcast to the at least one RF  
receiver.

124

<sup>191</sup>  
~~277.~~ A system in accordance with claim <sup>189</sup>~~275~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

<sup>192</sup>  
~~278.~~ A system in accordance with claim <sup>175</sup>~~261~~ wherein:

the one interface switch removes from the originated information information added by one of the plurality of the electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

193

279. A system in accordance with claim 261 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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280. A system in accordance with claim 278 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

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by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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281. A system in accordance with claim 176 262 wherein:  
the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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cont

196  
282. A system in accordance with claim 176 262 wherein:  
the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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283.

A system in accordance with claim <sup>195</sup>~~281~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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284.

A method in accordance with claim <sup>177</sup>~~263~~ wherein:

the one interface switch removes from the originated information information added by one of the plurality of the electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during

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~~transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.~~

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285. A method in accordance with claim ~~263~~ <sup>177</sup> wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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286. A method in accordance with claim ~~284~~ <sup>178</sup> wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number

129

of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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265.

A method in accordance with claim wherein:

the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.



288

A method in accordance with claim <sup>179</sup>~~265~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

289

A method in accordance with claim <sup>201</sup>~~287~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

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by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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A method in accordance with claim ~~266~~ wherein:  
the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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~~291~~

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~~266~~

A method in accordance with claim ~~266~~ wherein:  
the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

by the RF information transmission network switch and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~292~~

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~~299~~

A method in accordance with claim ~~299~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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293. A system in accordance with claim <sup>181</sup>267 wherein:

the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

208

294. A system in accordance with claim <sup>181</sup>267 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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295. A system in accordance with claim ~~293~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission ~~network~~ transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission ~~network~~ switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission ~~network~~ and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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296. A system in accordance with claim ~~269~~ wherein:

the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

211  
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269 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

212  
298.

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296 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

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by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~299~~

~~183~~

A system in accordance with claim ~~269~~ wherein:  
the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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~~183~~

A system in accordance with claim ~~269~~ wherein:  
the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted.

137

by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

215

301. A system in accordance with claim <sup>213</sup>~~299~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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A method in accordance with claim 271 wherein:

the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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A method in accordance with claim 271 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

139

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304. A method in accordance with claim 302 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

219

305. A method in accordance with claim 273 wherein:

the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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A method in accordance with claim 273 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

221

307. A method in accordance with claim 305 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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A method in accordance with claim 274 wherein:  
the one interface switch removes from the originated information information added by one of the plurality of the electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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A method in accordance with claim 274 wherein:  
the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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A method in accordance with claim 308 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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311. A system in accordance with claim 259 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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312. A system in accordance with claim 260 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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313. A system in accordance with claim 261 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

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Iso > transmission networks through the one of the at least one interface switch.

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314. A system in accordance with claim 262 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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Cont 229  
315. A system in accordance with claim 262 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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~~316.~~ A system in accordance with claim ~~268~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

231

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~~317.~~ A system in accordance with claim ~~269~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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~~318.~~ A system in accordance with claim ~~270~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information



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transmission networks through the one of the at least one interface switch.

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~~319~~ A system in accordance with claim ~~275~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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~~320~~ A system in accordance with claim ~~276~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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~~321~~. A system in accordance with claim ~~277~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

236

192

~~322.~~ A system in accordance with claim ~~278~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

237

193

~~323.~~ A system in accordance with claim ~~279~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

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ISO

transmission networks through the one of the at least one interface switch.

238

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324. A system in accordance with claim 280 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F,  
Cont.

239

195

325. A system in accordance with claim 281 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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Iso

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326. A system in accordance with claim 282 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

241

197

327. A system in accordance with claim 283 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F.  
cont.

242

207

328. A system in accordance with claim 293 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

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Ico } transmission networks through the one of the at least one interface switch.

243  
329. A system in accordance with claim 208 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F  
cont  
244  
330. A system in accordance with claim 295 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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ISO

245

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331. A system in accordance with claim 296 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

246

211

332. A system in accordance with claim 297 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

247

212

333. A system in accordance with claim 298 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

sub  
ISO } transmission networks through the one of the at least one interface switch.

248  
~~334.~~ A system in accordance with claim ~~299~~<sup>213</sup> further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F,  
cont } 249  
~~335.~~ A system in accordance with claim ~~300~~<sup>214</sup> further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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I 90

250

~~336.~~ A system in accordance with claim ~~301~~<sup>215</sup> further

comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

251

~~337.~~ A method in accordance with claim ~~263~~<sup>177</sup> further

comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

252

~~338.~~ A method in accordance with claim ~~264~~<sup>178</sup> further

comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information



sub  
Iso

transmission networks through the one of the at least one interface switch.

253

339. A method in accordance with claim 265 further comprising:

179

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

254

340. A method in accordance with claim 266 further comprising:

180

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

Sub  
190

255

185

341. A method in accordance with claim 271 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

256

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342. A method in accordance with claim 272 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

257

187

343. A method in accordance with claim 273 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

sub  
Iso

transmission networks through the one of the at least one interface switch.

258

188

~~344~~ A method in accordance with claim ~~274~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F,  
cont

259

198

~~345~~ A method in accordance with claim ~~284~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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Top

260

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346. A method in accordance with claim 285 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

261

200

347. A method in accordance with claim 286 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

262

201

348. A method in accordance with claim 287 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

Sub  
Iso

transmission networks through the one of the at least one interface switch.

203

349

202

288

A method in accordance with claim further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F

Cont.

204

350

203

289

A method in accordance with claim further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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ISO

<sup>265</sup>  
~~351~~. A method in accordance with claim <sup>204</sup>~~290~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F  
cont.

<sup>266</sup>  
~~352~~. A method in accordance with claim <sup>205</sup>~~291~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

<sup>267</sup>  
~~353~~. A method in accordance with claim <sup>206</sup>~~292~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

Sub  
I50

transmission networks through the one of the at least one interface switch.

268

216

354. A method in accordance with claim 302 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F<sub>1</sub>

cont.

269

217

355. A method in accordance with claim 303 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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I-50

270

218

~~356. A method in accordance with claim 304 further comprising:~~

~~a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.~~

271

219

~~357. A method in accordance with claim 305 further comprising:~~

~~a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.~~

272

220

~~358. A method in accordance with claim 306 further comprising:~~

~~a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information~~



sub  
ISO

transmission networks through the one of the at least one interface switch.

273  
359

221  
307

A method in accordance with claim further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

cont.

274  
360

222  
308

A method in accordance with claim further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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Iso

275  
361

223

A method in accordance with claim 309 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

276

224

A method in accordance with claim 310 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.--

#### REMARKS

Newly submitted claims 259-310 define a system for transmitting originated information from one of a plurality of originating processors contained in any one of a plurality of electronic mail systems, to at least one RF receiver with the originated information originating from one of the plurality of originating processors and being transmitted by an

RF information transmission network to at least one RF receiver and for transmitting other originated information originating from one of the originating processors and being transmitted through a wireline without using the RF information transmission network to at least one of the plurality of destination processors and a corresponding method. The subject matter of newly presented claims 259-310 corresponds to the subject matter illustrated in Fig. 9 in which at least one interface switch is coupled to a plurality of electronic mail systems. Furthermore, newly submitted dependent claims 311-362 cover the system of Fig. 8 where a plurality of RF information transmission networks 302 are illustrated which has not been previously claimed in this application.

Claims 259-310 differ from those previously presented in the December 29, 1995 Supplemental Amendment and the January 5, 1996 Second Supplemental Amendment by claiming that the system contains a plurality of electronic mail systems as illustrated in Fig. 9 which are coupled to the at least one interface switch.

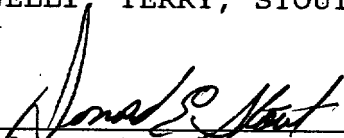
The claims are patentable for the same reasons set forth in the Amendment of December 27, 1995, the Supplemental Amendment of December 29, 1995 and the January 5, 1996 Second Supplemental Amendment.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout &

Kraus, Deposit Account No. 01-2135 (780.29643CX1), and please credit any excess fees to such deposit account.

Respectfully submitted,

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